

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: *3 Electric Logs*
3.2.84 Operator name change
** Operator change 4.24.86*

** Approved for water Injection 6.5.86*

DATE FILED 9-8-61

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN X

DRILLING APPROVED: *No approval letter was written on this well as it had been drilled to a depth of 4167' before we received the notice on bit.*

SPUDED IN: 8-24-61

COMPLETED: 9-28-61

INITIAL PRODUCTION: 1104 BOPD

GRAVITY A. P. I. 39°

GOR: 711:1

PRODUCING ZONES: 5308'-5320', 5352'-5364', 5379'-5383', 5394'-5406'

TOTAL DEPTH: 5475'

WELL ELEVATION: ~~4475'~~ 4475' DF

DATE ABANDONED:

FIELD OR DISTRICT: ~~McElmo Creek Field~~ Aneth

COUNTY: San Juan

WELL NO. #1 NAVAJO A (McElmo C-16)

LOCATION: 500 FT. FROM ~~XX~~ (S) LINE, 2140 FT. FROM ~~XX~~ (W) LINE SE SE SW QUARTER - QUARTER SEC. 2

051405

API 43-037-16 266

TWP. RGE. SEC. OPERATOR

TWP. RGE. SEC. OPERATOR

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly	Upper
Pliocene	Lower	 <i>Cutler</i> 2425' <i>FL</i>	Middle
Humboldt	Emery	Organ Rock	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison <i>Surface</i>	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafael Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa	Lynch
Wasatch	Curtis	 <i>Isman</i> 4340' <i>FL</i>	Bowman
Colton	Entrade	 <i>Deer Creek</i> 5140' <i>FL</i>	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo	B	
North Horn	Kayento	C	
CRETACEOUS	Wingate	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Moenkapi	Joana limestone	

FILE NOTATIONS

Entered in NID File ✓Entered On S R Sheet ✓Location Map Pinned ✓Card Indexed ✓IWR for State or Fee Land ✓Checked by Chief Copy NID to Field Office Approval Letter Disapproval Letter

COMPLETION DATA:

Date Well Completed 9-28-61Location Inspected OW ✓ WW TA Bond released GW OS PA State of Fee Land

LOGS FILED

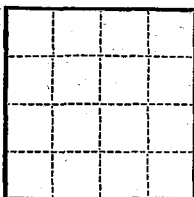
Driller's Log 3-14-62Electric Logs (No.) 3E I E-I ✓ GR GR-N ✓ Stillers Lat Mi-L Sonic Others Perforating Depth Control

~~No apprs~~ was sent on this well by this Commission as it had already been drilled to a depth 4167' before we receive the Notice of Intention to Drill (9-12-61)

(SUBMIT IN TRIPLICATE)

Indian Agency

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee TribalLease No. 14-20-0603-6508

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 25, 19 61

Well No. 1-Navajo A is located 500 ft. from NS line and 2140 ft. from EW line of sec. 2SE/SE/SW
(¼ Sec. and Sec. No.)41S
(Twp.)24E
(Range)S.L.M.
(Meridian)

(Field)

San Juan
(County or Subdivision)Utah
(State or Territory)The elevation of the derrick floor above sea level is 4463.6 ft. G L

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Operator proposes to Rotary drill a 17½" hole to approximately 100', set 13 3/8", 48# surface pipe, cementing with approximately 125 sacks cement; drill an 11" hole to approximately 1400' and set 8 5/8", 24# at 1400' cementing with approximately 850 sacks cement, allow 24 hours for cement to set and test for water shut-off; re-commence drilling a 7 7/8" hole to approximately 5700' or through all the possible Desert Creek producing zones and if commercial production is indicated by Gamma-Ray Neutron and 1-ES log analysis, set 5½", J-55, 15.5# casing at approximately 5700', cementing w/125 sacks + 2% gel., and attempt completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Wilshire Oil Company of TexasAddress 1645 Court PlaceDenver, Colo.By Don H. Ford
Don H. FordTitle Agent

COMPANY WILSHIRE OIL COMPANY OF TEXAS

Well Name & No. Navajo # 1

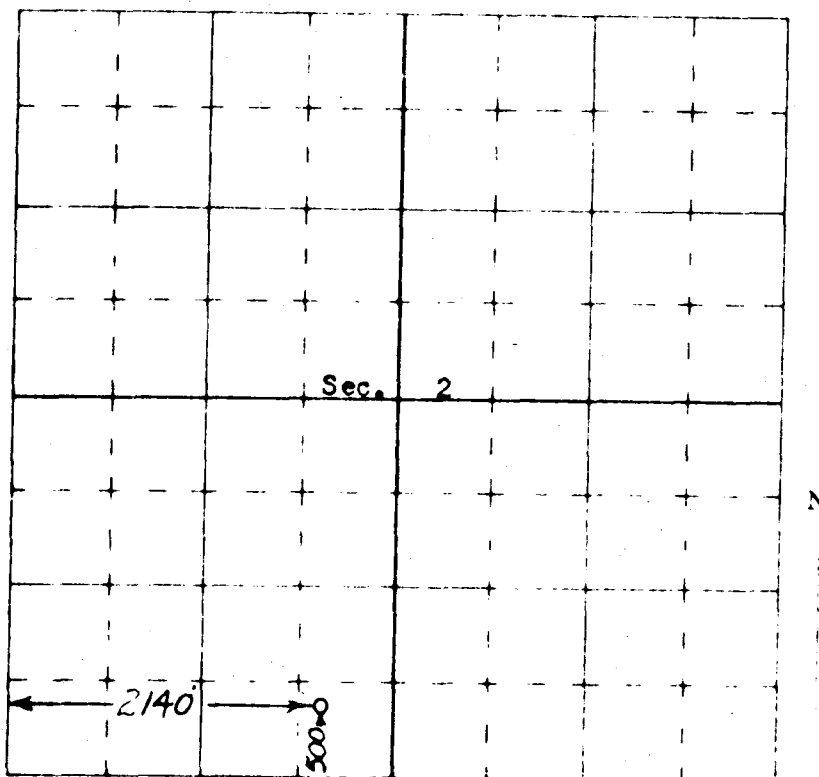
Lease No. A

Location 500' FROM THE SOUTH LINE & 2140' FROM THE WEST LINE

Being in SE SE SW

Sec. 2 T 41 S, R 24 E, S.L.M., San Juan County, Utah

Ground Elevation 4463.6' ungraded ground



Scale - 4 inches equals 1 mile

Surveyed 19 July

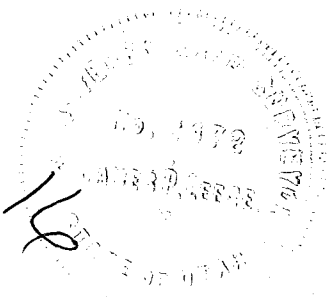
1961

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James P. Leese

Registered Land Surveyor
James P. Leese
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO. ALBUQUERQUE, NEW MEXICO
DURANGO, COLORADO



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County San Juan Field or Lease McElmo Creek

The following is a correct report of operations and production (including drilling and producing wells) for

September, 1961

Agent's address 300 Fillmore Street
Denver 6, Colorado

Company Wilshire Oil Company of Texas

Signed Harry W. Kugler
Harry W. Kugler

Phone 355-1621

Agent's title Geological Engineer

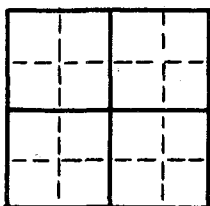
State Lease No. - Federal Lease No. - Indian Lease No. 14-20-0603 ⁻⁶⁵⁰⁸ Fee & Pat. ☐

Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
SE/4 SW/4 Sec. 2	41 S	24E	1-"A"	Testing -	-	-	-	Spudded August 24, 1961 Completed Sept. 22, 1961 T.D. 5475'

NOTE: Report on this form as provided
for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
SALT LAKE CITY, UTAH

Fee and Patented.....☐
State☐
Lease No.
Public Domain☐
Lease No.
Indian☒
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 7, 1961

Well No. 1, Navajo A is located 500 ft. from ~~KN~~_S line and 2140 ft. from ~~E~~_W line of Sec. 2
 SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 2 T. 41 S. R. 24 E. S. L. M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
 Greater Aneth Area San Juan County, Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4463.6 feet.

A drilling and plugging bond has been filed with U.S.G.S.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Operator proposes to rotary drill a 17 $\frac{1}{2}$ inch hole to approximately 100 feet; set 13-3/8" 48 pound surface pipe cementing with approximately 125 sacks cement; thence drill 11 inch hole to approximately 1400' and set 8-5/8" 24 pound pipe at 1400' cementing with approximately 850 sacks cement allowing 24 hours for cement to set and test for water shut-off; thence drill 7-7/8" hole to approximately 5700' or through all possible Desert Creek producing zones and if commercial production is indicated by gamma-ray neutron and 1-ES log analysis then set 5 $\frac{1}{2}$ inch J-55 15 $\frac{1}{2}$ pound casing to approximately 5700 feet cement with 125 sacks cement and 2% gel in attempt to complete well.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Wilshire Oil Company of Texas

Address 970 Elveden House

Calgary, Alberta, Canada

By *Howard L. Edwards*
 Howard L. Edwards, Suite 300, 65 South
 Title Main Street, Salt Lake City, Utah
 Title-- Attorney and Agent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

JAMES R. STEPHENS

Oil Properties

2802 EAST 20TH
FARMINGTON, NEW MEXICO

September 9, 1961

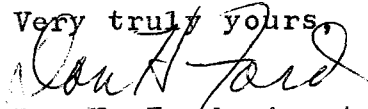
Utah Oil and Gas Conservation
Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Gentlemen:

We are enclosing herewith two copies of Intention
to Drill forms, with Survey plats attached, on the
following wells:

Well #1 Navajo A - SE SE SW Sec. 2
Well #1 Navajo B - SE SE NE Sec. 2
both in 41S-24E, San Juan
County, Utah.

Very truly yours,



Don H. Ford, Agent
for Wilshire Oil Company
of Texas

zp
encl

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-0603-6308

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 9, 1962

Navajo
Well No. 1-A is located 500 ft. from NS line and 2140 ft. from EW line of sec. 2
SE/SE/SW 2 41S 24E 5LM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Aneth San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4475 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-

Operator ran 3 jts (96') 1 1/2" x 3/8" and 1 1/2" x 1/2" conductor pipe set at 107' and cemented with 125 sac of neat 2 1/2% Ca Cl₂, drilled to 1400', ran 66 jts (1376') of 8 5/8" 24 1/2 J Surface pipe set at 1388' BP, cemented with 600 cu ft. of Pozmix + 4 1/2 gal + 1 1/2 cu ft Tur Plug + 1/4" Flocalc followed by 108 sac Portland cement + 2 1/2% Ca Cl₂, allowed 24 hrs for cement to set, and checked for water shut-off. Water shut-off completed. Operator then drilled to 5469', ran logs and set 184 jts (5484.6') of 5 1/2" 13.75 J-55 production casing at 5475' BP cemented with 200 sac of Portland, followed by 30 sac of Pozmix, allowed 24 hrs for cement to set and perforated 5308-5320, 5332-5364, 5373-5383 and 5394-5406; treated perforations 5308-5383 with 500 gal. BHA, max press 4700 psi - min press 4000 psi, Max injection 1.8 bpm, swabbed well in and flowed after 3 pulls; treated same perforations with 5000 gals of acid petrefrac. Max press 3200 psi, min. press 1000 psi at avg. inj. rate of 3.0 bpm, swabbed well in with two pulls. Treated perforations 5394-5406 with 500 gals. BHA, Max press. 700 psi, Min. press. vacuum at average inj. rate of 4.6 bpm; swabbed well in with 2 pulls and flowed at the rate of 90 bph for 3 hrs.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company WILSHIRE OIL COMPANY OF TEXAS

Address 300 Filmore St.,
Denver, Colorado

By Don H. Ford
Title Agent

A 10x10 grid with a small circle in the bottom-left cell.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE -----

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT -----

Lease No. 14-20-0603-6508

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Wilshire Oil Co. of Texas Address 300 Fillmore St. Denver, Colo
 Lessor or Tract Navajo "A" Field Aneth State Utah
 Well No. 1 Sec. 2 T. 41S R. 24E Meridian SLM County San Juan
 Location 500 ft. N. of S. Line and 2140 Ex of E Line of Section 2 Elevation 4475 DF
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Date January 8, 1962

Don H. Ford
Title Agent

The summary on this page is for the condition of the well at above date.

Commenced drilling August 20, 1961 Finished drilling September 14, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5308 to 5320 No. 4, from 5394 to 5406
No. 2, from 5352 to 5364 No. 5, from _____ to _____
No. 3, from 5373 to 5383 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	107 DF	125			
8 5/8	1388 DF	600			
5 1/2	5475 DF	250			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material	Size
-------------------	------

FOLD | MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5475 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing September 28, 1961

The production for the first 24 hours was 1104 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 39° API

If gas well, cu. ft. per 24 hours Flowing TP - 280# Gallons gasoline per 1,000 cu. ft. of gas GOR 711 - 1

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	515	515	Morrison
515	825	310	Navajo
825	910	85	Kayenta
910	1295	405	Wingate
1295	2175	885	Chinle
2175	2260	85	Shinerump
2260	2425	165	Moenkopi
2425	2575	150	De Chelly
2575	4340	915	Cutler
4340	5140	800	Hermosa
5140	5305	165	Ismay
5305	5475	170	Desert Creek

(OVER)

16-48094-4



RECEIVED

RECEIVED

RECEIVED

RECEIVED

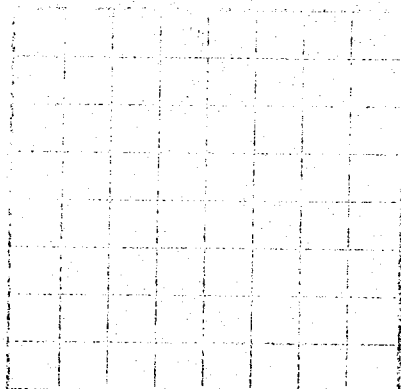
HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Operator ran 3 jts (96') 13 3/8" 48# H40 conductor pipe set at 107' KB, cemented with 125 sax of neat + 2% Ca Cl₂, drilled to 1400' ran 46 jts (1376') of 8 5/8" 24# J Surface pipe set at 1388' DF, cemented with 600 cu ft of Posmix + 4% gel + 1 1/2 cu ft Tuf Plug + 1/4# Flocele followed by 108 sax Portland cement + 2% Ca Cl₂; allowed 24 hrs for cement to set and checked for water shut-off. Water shut-off completed.

Operator then drilled to 5469', ran logs and set 184 jts (5484.6') of 5 1/2" 15.5# production casing at 5475 DF, cemented with 200 sax of Portland cement, followed by 50 sax of Latex, allowed 24 hrs. for cement to set and perforated 5308-5320, 5352-5364, 5373-5383 and 5394-5406; treated perforations 5308-5383 with 500 gals. BDA, max. pressure 4700 psi, min. pressure 4000 psi, max. injection rate 1.8 bpm. Swabbed well in and flowed after 3 pulls; treated same perforations with 5000 gals. of acid petrofrac. Max. pressure 3200#, min. pressure 1000# at average injection rate of 3.0 bpm, swabbed well in with two pulls. Treated perforations 5394-5406 with 500 gals. BDA. Max. pressure 700#, min. pressure vacuum at average injection rate of 4.6 bpm; swabbed well in with 2 pulls and flowed at the rate of 50 bph for 3 hrs.



NAME OF WELL OR GAS FIELD

GEOLOGICAL FORMATION

DEVELOPMENT OF THE WELL

WELL STATUS

DATE OF RECORD TO BE MADE

WELL NUMBER

WELL TYPE

WELL STATUS

February 2, 1962

Wilshire Oil Company of Texas
300 Filmore Street
Denver, Colorado

Attn: Don H. Ford, Agent

Re: Wells No. Navajo 1-A, and
Navajo 1-B located in Sec. 2,
T. 41 S., R. 24 E., San Juan
County, Utah

Gentlemen:

This letter is to advise you that the well logs for the above mentioned wells are due and have not as yet been filed with this office as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330 may be used in lieu of our forms.

Your prompt attention to the above request will be very much appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANN W. GLINES,
RECORDS CLERK

AWG:kpb
Enclosures: (6)

52

*Superior took over operations
to complete Well
2 B & 2 C*

March 5, 1962

Wilshire Oil Company of Texas
300 Filmore Street
Denver, Colorado

Attn: Don H. Ford, Agent

Gentlemen:

By letter dated February 2, 1962 we requested that you file copies of Form OGCC-3, "Log of Oil or Gas Well" for your Wells No. Navajo 1-A and Navajo 1-B located in Section 2, Township 41 South, Range 24 East, San Juan County, Utah. To date, these logs have not been received. A log for Well No. Navajo 1-C is now also due.

Rule C-5 of the General Rules and Regulations and Rules of Practice and Procedure, State of Utah, Oil and Gas Conservation Commission, requires that a well log be filed within 90 days of the completion of the well. If copies of the logs for the above three wells are not received by March 15, 1962, we will refer the matter to the Attorney General, State of Utah, for further action.

We also note that you have not filed a Sundry Notice on Well No. Navajo 2-C concerning the completion of this well as a water injection well. It will be necessary for you to file this notice before we can grant the McElmo Creek Unit an allowable for this well, which we understand was included in this Unit as of February 1, 1962. It will also be necessary for you to submit a well log on Well No. Navajo 2-C as required in Rule C-5.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ROBERT L. SCHMIDT,
CHIEF PETROLEUM ENGINEER

RLS:kpb
Enclosures: (Forms)

4

DON H. FORD
Petroleum Consultant
2802 EAST 20TH
FARMINGTON, NEW MEXICO

March 12, 1962

Utah Oil and Gas Conservation
Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City, Utah

Gentlemen:


We enclose for your records a well history
and two copies of the log of oil or gas well on
the following:

Navajo 1-A, SE SE SW Sec. 2-41S-24E, San Juan
County, Utah;

Navajo 1-B, SE SE NE Sec. 2-41S-24E, San Juan
County, Utah;

Navajo 1-C, SE SE NW Sec. 2-41S-24E, San Juan
County, Utah.

Very truly yours,


Don H. Ford, Agent
for Wilshire Oil Company
of Texas

zp
encl

W

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 500' FSL, 2140' FWL of Sec. 2
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Acidize Desert Creek I & II w/ 5000 gal 28% HCL.

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 4/30/82
BY: [Signature]

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
APR 30 1982

DIVISION OF
OIL, GAS & MINING

Orig. + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Joint Interest, Files - H, D, C

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion TITLE Petroleum Engineer DATE April 27, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 500' FSL, 2140' FWL of Sec. 2
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☒
☐
☐
☐
☐
☐

5. LEASE

14-20-603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.
#C-16

10. FIELD OR WILDCAT NAME
ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 2, T41S, R24E, SLM

12. COUNTY OR PARISH | 13. STATE
SAN JUAN | UTAH

14. API NO.

15. ELEVATIONS (SHOW TOP OF KDB, AND WD)
KB: 1544.3'

RECEIVED
MAY 10 1982
DIVISION OF
OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-331-C)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. Acidized Desert Creek Zone I & II w/ 5000 gal 28% HCL.

Orig + 5 - USGS, State - 2, Navajo Tribe, Reg. Group, Joint Interest, Files - H, D, C

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg McElton TITLE Petroleum Engineer DATE May 4, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

SUPERIOR OIL

March 2, 1984

DIVISION OF
OIL, GAS & MINING

Mr. Norm Stout
Utah Division of Oil,
Gas and Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Reference: Notice of Change of Operator

Dear Mr. Stout:

Please be advised that Superior Oil Company is the operator of the McElmo Creek Unit. Accordingly, please update your records to reflect Superior as operator of the following wells:

<u>Well Number</u>	<u>API Number</u>	<u>Well Number</u>	<u>API Number</u>
J-23	415 25E 18 43-037-15500	I-14	415 29E 1 43-037-16145
F-20	415 24E 12 15707	I-16	15497
H-20	415 24E 12 15708	I-18	415 24E 12 15709
M-24	415 25E 18 15513	I-20	415 24E 12 15710
M-18	415 25E 7 15510	K-20	415 25E 7 15503
M-20	415 25E 7 15511	O-08	400 25E 29 16146
M-22	415 25E 18 15512	R-09	403 25E 33 16147
N-19 Injection	41 25E 8 15515	S-12	40 " " 16150
O-18 Injection	415 25E 8 15517	S-14	415 25E 4 16151
P-17 Injection	415 25E 8 15519	S-16	415 25E 4 16152
O-20	415 25E 8 15518	T-09	405 25E 33 16153
Q-18	415 25E 8 15521	T-11	" " " 16154
Q-20	415 25E 8 15522	U-12	" " " 16155
Q-22	415 25E 17 15323	U-14	415 25E 4 16156
Navajo a-1 C-16	415 24E 2 16266	U-16	" " " 16157
E-14	415 24E 2 16268	R-08	✓ " " 15329
E-16	415 24E 2 15616	S-05	✓ " " 15330
E-18	415 24E 11 15706	C-14	415 24E 24 16265
G-14	415 24E 1 16143	F-11	✓ " " 15617
G-16	415 24E 1 16144	G-12	✓ " " 15618
G-18	415 24E 12 15494	I-12	✓ " " 15619

If you have any questions, please feel free to call me at (713) 751-7593 or Cheryl Shulman at (713) 751-4862.

Very truly yours,

Carol D. Dorrell

C.D. Dorrell
Section Supervisor
Western Oil Revenue

CES/tm

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Dianne Nielson, Director

RECEIVED

FEB 01

DIVISION OF OIL
GAS & MINING

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation has entered into a Services Agreement with Superior Oil Companies, a service contractor, for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

(303) 298-2577

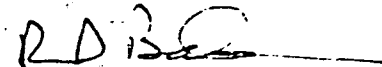
PERMITS ONLY

RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,

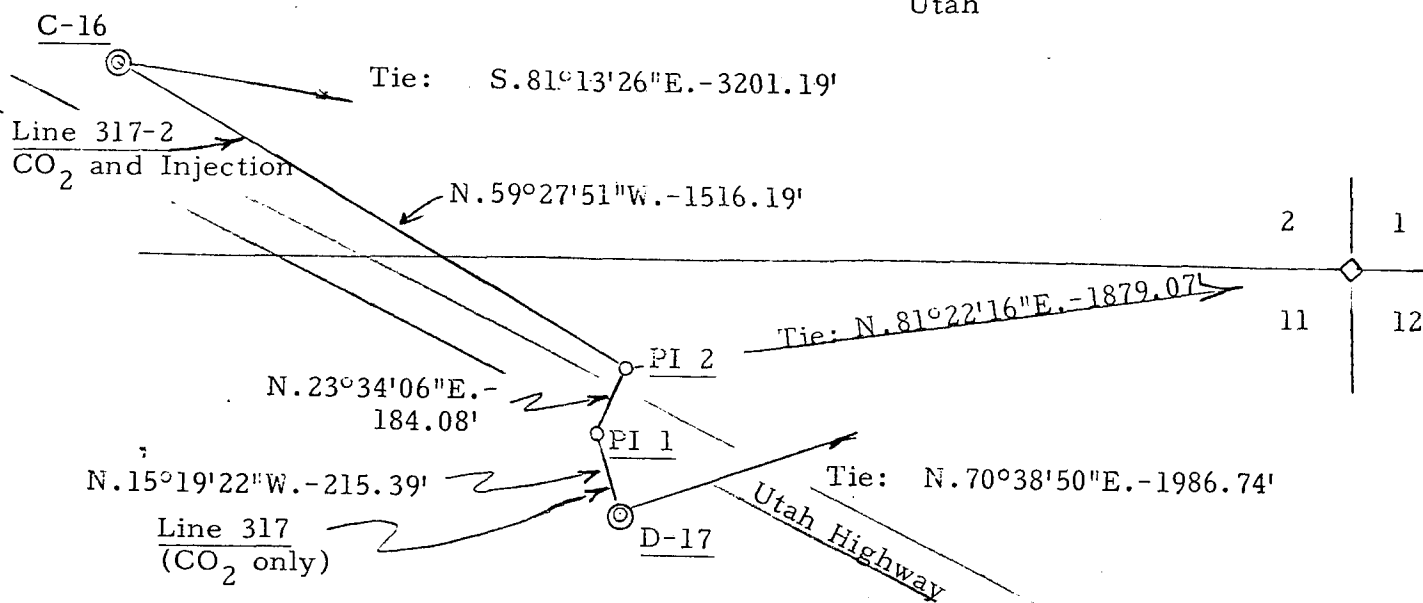


R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

Mobil Oil as Agent for Superior Oil
November 13, 1985
Injection Line #317-1 (CO₂ and Injection)
Revised 12-3-85
CO₂ Line 317 added 12-3-85
(See separate sheet for legal description of 317)

S $\frac{1}{2}$ Section 2, T.41S., R.24E., S.L.M., San Juan County, Utah



NE $\frac{1}{4}$ Section 11, T.41S., R.24E., S.L.M., San Juan County, Utah

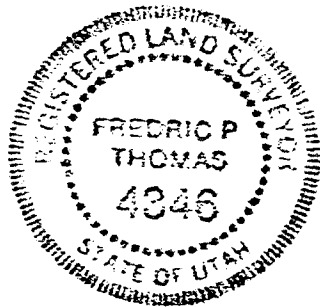
Legal Description, Line 317-1, CO₂ and Injection

An easement for purposes of a pipeline in the S $\frac{1}{2}$ of Section 2 and in the NE $\frac{1}{4}$ of Section 11, all in T.41S., R.24E., S.L.M., San Juan County, Utah, the centerline being more particularly described as follows:

Beginning at Well C-16 in the S $\frac{1}{2}$ of Section 2, T.41S., R.24E., S.L.M., San Juan County, Utah, from which point the SE Corner of said Section 2 bears S.81°13'26"E. a distance of 3201.19 ft.;

thence, S.59°27'51"E. a distance of 1516.19 ft., from which point the NE Corner of Section 11, T.41S., R.24E., S.L.M., bears N.81°22'16"E. a distance of 1879.07 ft.

See separate sheet for legal description of Line 317.



KNOW ALL MEN BY THESE PRESENTS:
THAT I, FREDRIC P. THOMAS
do hereby certify that I prepared this plat from an
actual and accurate survey of the land and that the
same is true and correct to the best of my knowledge
and belief.

Fredric P. Thomas

FREDRIC P. THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728

Utah Reg. No. 4346

THOMAS Engineering Inc.

215 N. Linden
Cortez, Colorado
565-4496

N

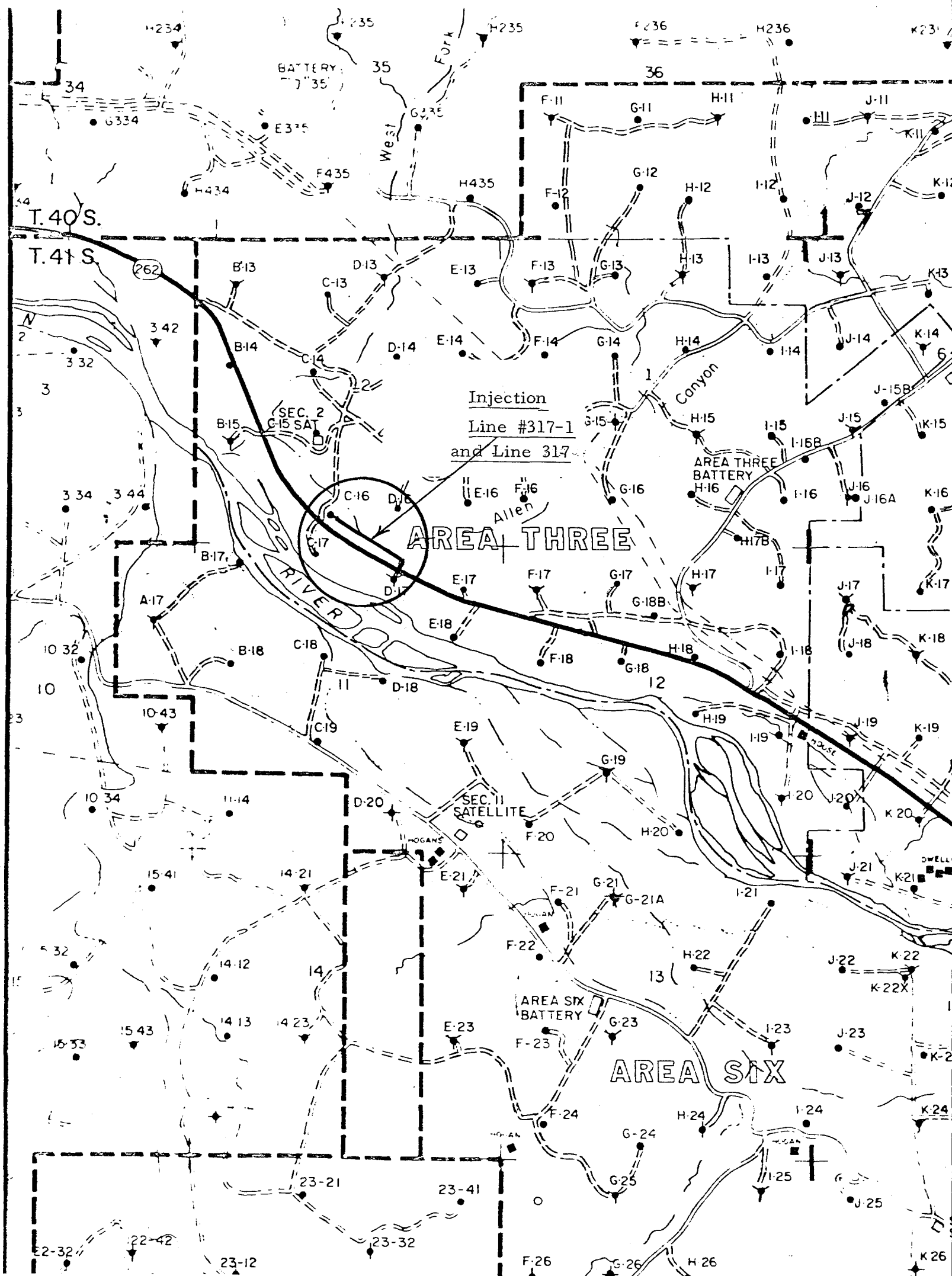


Scale 1" = 500'

0 250 500

CO₂ and Injection Line #317-1
and CO₂ Line 317

LOCATION MAP



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-6508

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

MCCLMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.

C-16

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec 2, T41S, R24E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

MOBIL OIL CORP AS AGENT OF SUPERIOR OIL

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

500' FSL, 2140' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

DF: 4472'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

CONVERT TO INJECTION

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU rig. POOH w/ rods and pump. ND wellhead. NU and test BOP's. POOH w/ tubing.
2. Run bit and 5-1/2" casing scraper to PBTD of 5406'. POOH.
3. RU wireline Co. Set cement retainer at 5386'.
4. Hydrotest in hole w/ tubing. Sting into retainer at 5386' and squeeze DC Zone II perms below retainer w/ 75 sx Class B cement.
5. RIH w/ bit and 5-1/2" casing scraper and CD to top of retainer. POOH. NOTE: Reperforate Desert Creek Zone I 5308/20', 5352/64' and 5373/83' w/ 2 JPF if necessary.
6. RIH w/ packer and set @ 5280'+. Acidize Desert Creek Zone I w/ 2000 gals 28% HCl + additives.
7. Swab back load. POOH, laying down 2-7/8" tubing.
8. RIH w/ 2-3/8" x 5-1/2" CO2 injection packer and 2-3/8" PC tubing. Set packer @ 5280'+ and place well on injection.

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Collins

TITLE

Sr Staff Op Engr

DATE

12/17/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ATTACHMENT 1

RULE I-5: Application for Approval of Class II Injection Wells

(a) See attached Form DOGM-UIC-1.

(b) (1) See attached land plat.

(2) See attached Form DOGM-UIC-2.

(3) See attached wellbore sketch.

(4) i. The intervening thickness between the proposed injection interval and the deepest fresh water sand is over 4000'. All fresh water sands are behind 8-5/8" surface casing which has been cemented around the shoe to the surface. Five and one-half inch production casing was run to TD and cemented around the shoe. Annular pressures will be monitored to insure no behind pipe communication occurs.

ii. Maximum Surface Pressure: 3100 psi
Maximum Injection Rate: 500 BWPD.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1296	Shale
DeChelly	2424	Sandstone
Organ Rock	2575	Shale
Hermosa	4338	Limestone
Ismay	5140	Limestone
Gothic	5294	Shale
Desert Creek	5304	Limestone

(5) i. A throttling valve or choke will be installed at the well to control injection rates.

ii. The source of injection water will be Superior's production wells within the McElmo Creek Unit. These wells produce from the Ismay and Desert Creek formations with approximate depths of 5500' and 5600' respectively. Additional water will be obtained from shallow fresh water wells along the San Juan River.

iii. The analysis of injection water is as follows (ppm):

pH:	6.0	Ca:	5,520	SO4:	990
Cl:	45,000	Mg:	1,340	H2S:	52
Fe:	0	HCO3:	236	Ba:	0
CaCO3:	19,300	CO3:	0		
Specific Gravity:	1.048				

McElmo Creek Unit C-16

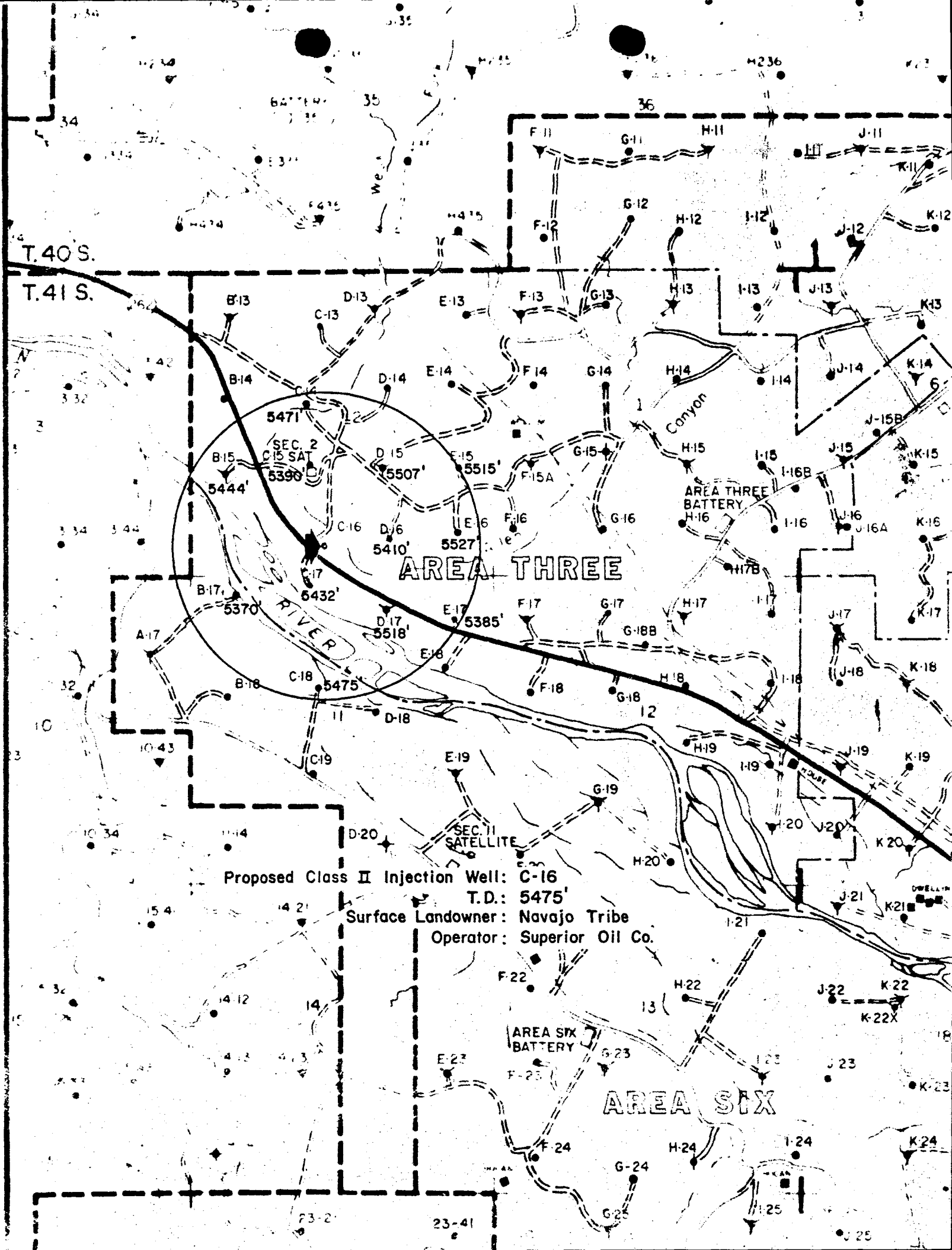
iv. The proposed injection zone is the Desert Creek formation. The zone is carbonate consisting of limestone, anhydrite and dolomite. This formation extends throughout the Paradox Basin and is underlain by the Chimney Rock Shale and overlain by the Gothic Shale.

v. All fresh water zones are behind surface casing.

vi. The analysis of the Desert Creek Formation water is as follows (ppm):

pH:	6.4	Ca:	6,800	SO4:	250
Cl:	42,000	Mg:	1,240	H2S:	49
Fe:	0	HCO3:	266	Ba:	0
CaCO3:	17,000	CO3:	0		
Specific Gravity: 1.046					

- (6) If the proposed injection well must be shut-in, the producing wells can also be shut-in.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) There are no defective wells in the area.
- (10) N/A.



McELMA CREEK UNIT C-16
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

CURRENT

PROPOSED

107

1388

2 7/8" 6.5" J-SS
EUG tubing

13 3/8" 48"
H40 cemented
@ 107' w/
100 SX

8 5/8" 24" J-SS
cemented @ 1388
w/ 708 SX

Desert Creek Zone I
5308/5320

5352/5364

5373/5383

Desert Creek Zone II
5394/5406'

PBTD 5413'

5475

TD 5475'

5 1/2" 14 & 15.5" J-SS
cemented @ 5475'
w/ 250 SX

2 3/8" 4.7" J-SS
EUE PC tbg.

Parker @ 5280'±

Csg Capacity:
.0244 bbl/ft

Tubing Capacity:
0.0039 bbl/ft

Ann. Capacity:
0.0109 bbl/ft

PBTD 5386'

RECEIVED

DEC 23 1985

DIVISION OF OIL
GAS & MININGFORM NO. DOGM-UIC-1
(Revised 1982)STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

IN THE MATTER OF THE APPLICATION OF

Mobil Oil Corp - Agent for Superior Oil

CAUSE NO. _____

ADDRESS P. O. Drawer 6Cortez, Colorado ZIP 81321INDIVIDUAL PARTNERSHIP CORPORATION X

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR

INJECT FLUID INTO THE MCU C-16 WELLSEC. 2 TWP. 41S RANGE 24ESan Juan COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>McElmo Creek Unit</u>	Well No. <u>C-16</u>	Field <u>Greater Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery <u>500' FSL, 2140' FWL</u>			
Injection or Disposal Well _____ Sec. <u>2</u> Twp. <u>41S</u> Rge. <u>24E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1295'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State <u>Utah</u> - Gas
Location of Production Wells within Injection Source(s) <u>McElmo Creek Unit</u>		Geologic Name(s) and Depth of Source(s) <u>Ismay 5500'</u> <u>Desert Creek 5600'</u>	
Geologic Name of Injection Zone <u>Desert Creek</u>		Depth of Injection Interval <u>5308'</u> to <u>5383'</u>	
a. Top of the Perforated Interval: <u>5308'</u>	b. Base of Fresh Water: <u>1295'</u>	c. Intervening Thickness (a minus b) <u>4013'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>YES</u>			
Lithology of Intervening Zones <u>See Item (ii) on Attachment I</u>			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>3100</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
<u>Phillips Petroleum Co., P.O. Box 1150, Cortez, Co 81321</u>			
<u>The Navajo Tribe, Window Rock, Az 85616</u>			

State of ColoradoCounty of Montezuma

Applicant

Before me, the undersigned authority, on this day personally appeared D.C. COLLINS
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on
oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated
therein, and that said report is true and correct.

Subscribed and sworn to before me this 18th day of Dec, 19 85

SEAL

My commission expires 9/22/89Notary Public in and for Colorado

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13-3/8"	107'	100	Unknown	
Intermediate	8-5/8"	1388'	708	Surface	Cement Returns.
Production	5-1/2"	5475'	250	4600'	Estimated
Tubing	2-3/8"	5280'	Name - Type - Depth of Tubing Packer. 5280'		
Total Depth		5475'	Geologic Name - Inj. Zone		Desert Creek
			Depth - Top of Inj. Interval		5308'
			Depth - Base of Inj. Interval		5383'

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY
LEASE NO.

API NO. _____

640 Acres
N

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY San Juan SEC. 2 TWP. 41S RGE. 24E

COMPANY OPERATING Mobil Oil as Agent for Supervisor

OFFICE ADDRESS P.O. Drawer G

TOWN Porter STATE CO ZIP 81321

FARM NAME McElmo Creek Unit WELL NO. 2116

DRILLING STARTED 2-24-1961 DRILLING FINISHED No Record

DATE OF FIRST PRODUCTION No Record COMPLETED 9/61

WELL LOCATED SE 1/4 SE 1/4 SW 1/4

500 FT. FROM SL OF 1/4 SEC. & 2140 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 4472 GROUND 4464

TYPE COMPLETION

Single Zone ☒

Multiple Zone _____

Comingled _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>Irma</u>	<u>5140</u>	<u>5294</u>			
<u>Desert Creek</u>	<u>5304</u>	<u>5475</u>			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
<u>13 3/8</u>	<u>48</u>	<u>H40</u>	<u>107</u>	<u>No Record</u>	<u>100</u>	<u>No Record</u>	<u>No Record</u>
<u>8 5/8</u>	<u>24</u>	<u>J55</u>	<u>1388</u>	<u>✓</u>	<u>708</u>	<u>766</u>	<u>Surface</u>
<u>5 1/2</u>	<u>15.5</u>	<u>J55</u>	<u>5475</u>	<u>✓</u>	<u>250</u>	<u>1254</u>	<u>4600</u>

TOTAL DEPTH 5475

PACKERS SET
DEPTH 5282

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
<u>Desert Creek</u>			
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	<u>Enhanced Recovery</u>		
PERFORATED	<u>5308/5320</u>		
INTERVALS	<u>5352/5364</u> <u>5373/5383</u> <u>5394/5406</u>		
ACIDIZED?	<u>5000 gals.</u>		
FRACTURE TREATED?			

INITIAL TEST DATA

Date	<u>Unknown</u>		
Oil, bbl./day	<u>1104</u>		
Oil Gravity	<u>42</u>		
Gas, Cu. Ft./day		CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	<u>211</u>		
Water-Bbl./day	<u>0</u>		
Pumping or Flowing	<u>Flowing</u>		
CHOKE SIZE	<u>32/64</u>		
FLOW TUBING PRESSURE	<u>220</u>		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

303/565-2209
Telephone

Name and title of representative of company

Subscribed and sworn before me this 18 day of Dec, 19 85

Diane Wilson

Mob. Oil #C-16

CHECKLIST FOR INJECTION WELL APPLICATION

UIC Forms

✓

Plat

✓

Surface Owners and Lease Holders

✓

Schematic Diagram

✓ and TP?

Frac Gradient Information

no

Pressure and Rate Control

Pressure?

Fluid Source

CO₂?

Analysis of Injected Fluid

? CO₂

Geologic Information

✓

USDW in the Area

✓

Analysis of Injected Formation

✓

Contingency Plans

✓

Mechanical Integrity Test

✓

Aquifer Exemption

✓

11/2/86 #8



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 8, 1986

San Juan Record
Legal Advertizing
Monticello, Utah 84535

Gentlemen:

RE: UIC-074

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 16th day of January. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 8, 1986

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main Street
Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-074

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 16th day of January. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

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Very truly yours,
DIVISION OF OIL, GAS AND MINING

MARJORIE L. ANDERSON
Administrative Assistant

mfp
0045A



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 2, 1986

Mobil Oil Corporation
P.O. Drawer G
Cortez, Colorado 81321

Attn: D.C. Collins

Gentlemen:

RE: Injection Well Applications, #G-12, G-14, I-12, G-16, E-14,
E-16, C-14, C-16, K-12, McElmo Creek Unit, San Juan County, Utah

Please provide the following to complete the applications for the above referenced wells.

- Describe pressure control and shut-off devices to be used (Rule I-5(b)(s)i).
- If the injection fluid is to be other than water (CO₂), provide geologic name, depth, and location of injection fluid source (Rule I-5(b)(s)ii).

If you have any questions, please call.

Sincerely,

Gil Hunt
Manager
Underground Injection Control Program



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 4, 1986 ///

Mobil Oil Corporation-agent for
Superior Oil Company
P.O. Drawer G
Cortez, Colorado 81321

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-074

Administrative approval is hereby granted to convert the
following wells to Class II enhanced recovery water injection wells:

McELMO CREEK UNIT

E-16, Sec. 2, T41S, R24E
C-16, Sec. 2, T41S, R24E
C-14, Sec. 2, T41S, R24E
E-14, Sec. 2, T41S, R24E
G-14, Sec. 1, T41S, R24E

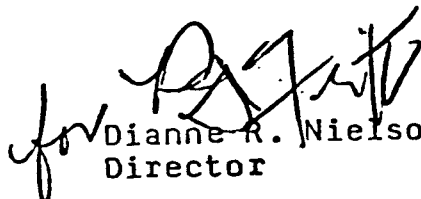
G-16, Sec. 1, T41S, R24E
K-12, Sec. 31, T40S, R25E
I-12, Sec. 36, T40S, R24E
G-12, Sec. 36, T40S, R24E

San Juan County, Utah S.L.M.

This approval is conditional upon full compliance with the UIC
rules and regulations adopted by the Board of Oil, Gas and Mining,
and construction and operation of the well as outlined in the
application submitted.

If you have any questions concerning this matter, please do not
hesitate to call or write.

Best regards,


Dianne R. Nielson
Director

mfp
7627U

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC	TWNSHP	RNG	WELL A TYPE T	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	C-14	SAN JUAN	UT	SE	NW	2-41S-24E	PROD OP	43-037-16265	14-20-603-6509		96-004190
	C-15	SAN JUAN	UT	NE	SW	2-41S-24E	PROD OP	43-037-30384	14-20-603-6508		96-004190
	C-16	SAN JUAN	UT	SE	SW	2-41S-24E	PROD OP	43-037-16266	14-20-603-6508		96-004190
	C-17	SAN JUAN	UT	NE	NW	11-41S-24E	PROD OP	43-037-30385	14-20-603-5448		96-004190
	C-18	SAN JUAN	UT	SE	NW	11-41S-24E	PROD OP	43-037-15702	14-20-603-5448		96-004190
	C-19	SAN JUAN	UT	NE	SW	11-41S-24E	PROD OP	43-037-15703	14-20-603-5448		96-004190
	D-13	SAN JUAN	UT	NW	NE	2-41S-24E	INJ OP	43-037-16267	14-20-603-6510		96-004190
	D-14	SAN JUAN	UT	SW	NE	02-41S-24E	PROD OP	43-037-30386	14-20-603-6510		96-004190
	D-15	SAN JUAN	UT	NW	SE	2-41S-24E	INJ OP	43-037-05656	14-20-0603-6147		96-004190
	D-16	SAN JUAN	UT	SW	SE	02-41S-24E	PROD OP	43-037-30387	14-20-0603-6147		96-004190
	D-17	SAN JUAN	UT	NW	NE	11-41S-24E	INJ OP	43-037-15704	14-20-603-5447		96-004190
	D-18	SAN JUAN	UT	SW	NE	11-41S-24E	PROD OP	43-037-30256	14-20-603-5447		96-004190
	D-20	SAN JUAN	UT	SW	SE	22-41S-25E	PROD TA	43-037-15615	14-20-603-5449		96-004193
	E-13	SAN JUAN	UT	NE	NE	02-41S-24E	PROD OP	43-037-30388	14-20-603-6510		96-004190
	E-14	SAN JUAN	UT	SE	NE	02-41S-24E	PROD OP	43-037-16268	14-20-603-6510		96-004190
	E-15	SAN JUAN	UT	NE	SE	02-41S-24E	PROD OP	43-037-30389	14-20-0603-6147		96-004190
	E-16	SAN JUAN	UT	SE	SE	02-41S-24E	PROD OP	43-037-15616	14-20-0603-6147		96-004190
	E-17	SAN JUAN	UT	NE	NE	11-41S-24E	PROD OP	43-037-30390	14-20-603-4039		96-004190
	E-18	SAN JUAN	UT	SE	NE	11-41S-24E	PROD OP	43-037-15706	14-20-603-5447		96-004190
	E-19	SAN JUAN	UT	NE	SE	11-41S-24E	INJ OP	43-037-16342	14-20-603-5449		96-004190
	E-20	SAN JUAN	UT	SE	SE	11-41S-24E	COMP	43-037-31057	14-20-603-5449		96-004190
	E-21	SAN JUAN	UT	NE	NE	14-41S-24E	INJ OP	43-037-16343	14-20-603-370		96-004190
	E-23	SAN JUAN	UT	NE	SE	14-41S-24E	INJ OP	43-037-16344	14-20-603-370		96-004190
	F-11	SAN JUAN	UT	NW	SW	36-40S-24E	INJ OP	43-037-05743	14-20-0603-6146		96-004190
	F-12	SAN JUAN	UT	SW	SW	36-40S-24E	PROD OP	43-037-30380	14-20-0603-6146		96-004190
	F-13	SAN JUAN	UT	NW	NW	01-41S-24E	INJ OP	43-037-16345	14-20-603-4032		96-004190
	F-14	SAN JUAN	UT	SW	NW	01-41S-24E	PROD OP	43-037-30255	14-20-603-4032		96-004190
	F-15A	SAN JUAN	UT	NW	SW	1-41S-24E	INJ OP	43-037-31149	14-20-603-4032		96-004190
	F-16	SAN JUAN	UT	SW	SW	01-41S-24E	PROD OP	43-037-30381	14-20-603-4032		96-004190
	F-17	SAN JUAN	UT	NW	NW	12-41S-24E	INJ OP	43-037-15493	14-20-603-4039		96-004190

Mobil Oil Corporation

P.O. DRAWER 'G'
CORTEZ, COLORADO 81321

January 10, 1986

RECEIVED

State of Utah
Natural Resources
355 W. North Temple
Salt Lake City, Utah 84180-1203

JAN 14 1986

Atten: Mr. Gil Hunt

DIVISION OF OIL
GAS & MINING

RE: Injection Well Applications, C-14, C-16, E-14, E-16, G-12, G-14, G-16, I-12, K-12, McElmo Creek Unit, San Juan County, Utah

Dear Mr. Hunt:

As per our telephone conversation on January 6, 1986, we have initiated a carbon dioxide project in the McElmo Creek Unit. The CO₂ is purchased from Shell Oil Company's Howenweep facility in the McElmo Dome field in Montezuma and Dolores Counties, Colorado. An analysis of a gas sample obtained January 1, 1986 is as follows (% Mol Wgt):

CO ₂ :	98.361	CH:	0.132	N ₂ :	1.507
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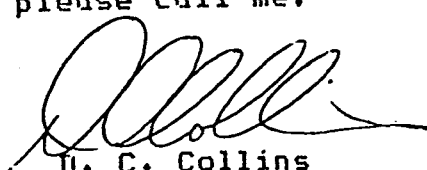
Carbon dioxide produced from wells within the McElmo Creek Unit will be removed from the gas stream and reinjected.

The CO₂ enhanced oil recovery process involves the injection of alternating cycles of carbon dioxide and water (WAG process). The volume of gas injected per WAG cycle is based on the hydrocarbon pore volume in the reservoir - 1.25 percent in this case. The gas is followed by an equal volume of water. Carbon dioxide injection will be initiated in five phases. Phase I injection began February 28, 1985 and was expanded in August, 1985. We are in the process now of implementing Phase II injection.

During our telephone conversation you indicated that UIC regulations do not require prior approval for CO₂ injection. However, in order to keep your office informed we will submit Sundry Notices for each well prior to the first CO₂ injection. We will also submit Sundry Notices indicating when carbon dioxide injection actually began. Notices for those wells in which CO₂ injection has already begun are attached.

The nine wells covered covered in our Injection Well Application are not scheduled for CO₂ injection until some time in 1987.

Should you have any questions, please call me.


D. C. Collins
Senior Staff Operations Engineer
(303) 565-2209

AFFIDAVIT OF PUBLICATION.

Public notice

BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF MOBIL OIL CORPORATION AS AGENT FOR SUPERIOR OIL COMPANY FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTION 36, TOWNSHIP 40 SOUTH, RANGE 24 EAST; SECTION 31, TOWNSHIP 40 SOUTH, RANGE 25 EAST; AND SECTIONS 1 AND 2, TOWNSHIP 41 SOUTH, RANGE 24 EAST, SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-074

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER:

Notice is hereby given that Superior Oil Company through its Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321, has requested administrative approval from the Division to convert the following listed wells to enhance recovery injection wells:

McELMO CREEK UNIT

K-12, Sec. 31, T40S, R25E

G-12, Sec. 36, T40S, R24E

C-14, Sec. 2, T41S, R24E

E-14, Sec. 2, T41S, R24E

G-14, Sec. 1, T41S, R24E

I-12, Sec. 36, T40S, R24E

C-16, Sec. 2, T41S, R24E

E-16, Sec. 2, T41S, R24E

G-16, Sec. 1, T41S, R24E

INJECTION INTERVAL: Desert Creek Formation, 5308' to 5549'.

MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig.

MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD/Well.

Approval of this Application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 8th day of January, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant

Published in The San Juan Record
January 15, 1986.

I, Joyce Martin, duly sworn,

depose and say that I am the publisher of the San

Juan Record, a weekly newspaper of general circulation

published at Monticello, Utah, every **Wednesday**; that

notice Cause No. UIC-074, Mobil Oil Corporation

a copy of which is hereunto attached, was published in

the regular and entire issue of each number of said

newspaper for a period of one issues, the first

publication having been made on January 15, 1986

and the last publication having been made on _____

Signature

Joyce A. Martin
Publisher

Subscribed and sworn to before me this fifteenth

day of January, A.D. 1986.

Daniel K. Adams
Notary Public

Residing at Monticello, Utah

December 2, 1987

My commission expires _____

Affidavit of Publication

ADM-35B

STATE OF UTAH,
County of Salt Lake

SS.

RECEIVED

JAN 22 1986

DIVISION OF OIL
GAS & MINING

.....Cheryl Gierloff.....

BEFORE THE DIVISION OF
OIL, GAS AND MINING
DEPARTMENT OF
NATURAL RESOURCES
STATE OF UTAH
CAUSE NO. UIC-074

In the matter of the Application
of Mobil Oil Corporation as
agent for Superior Oil Company
for administrative approval to
inject fluids into converted en-
hanced recovery injection wells
located in Section 36, Township
40 South, Range 24 East, Section
31, Township 40 South, Range
26 East, and Sections 1 and 2,
Township 41 South, Range 24
East, San Juan County, Utah.

THE STATE OF UTAH TO
ALL INTERESTED PARTIES IN
THE ABOVE ENTITLED MAT-
TER:

Notice is hereby given that
Superior Oil Company through
its agent, Mobil Oil Corpora-
tion, C/O Brower, G. Cortez,
Colorado 81321, has requested
administrative approval from
the Division to convert the fol-
lowing listed wells to enhanced
recovery injection wells:

ACELMO CREEK UNIT
K-11, Sec. 21, T40S, R24E
G-17, Sec. 36, T40S, R24E
C-10, Sec. 2, T41S, R24E
E-13, Sec. 2, T41S, R24E
G-14, Sec. 1, T41S, R24E
I-12, Sec. 36, T40S, R24E
C-16, Sec. 2, T41S, R24E
E-16, Sec. 2, T41S, R24E
G-16, Sec. 1, T41S, R24E

Injection Interval: Desert Creek
Formation, 5308' to 5549'

Maximum Estimated Surface
Pressure: 3100 psig
Maximum Estimated Water In-
jection Rate: 500 BWPD/Well

Approval of this Application
will be granted unless objec-
tions are filed with the Division
of Oil, Gas and Mining within fif-
teen days after publication of
this Notice. Objections, if any,
should be mailed to the Division
of Oil, Gas and Mining, Atten-
tion: UIC Program Manager,
355 West North Temple, 3 Triad
Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 8th day of Janu-
ary, 1986.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
Administrative Assistant

A-60

Being first duly sworn, deposes and says that he/she is
legal advertising clerk of THE SALT LAKE TRIBUNE,
a daily newspaper printed in the English language with
general circulation in Utah, and published in Salt Lake
City, Salt Lake County, in the State of Utah, and of the
DESERET NEWS, a daily newspaper printed in the
English language with general circulation in Utah, and
published in Salt Lake City, Salt Lake County, in the
State of Utah.

That the legal notice of which a copy is attached hereto

.....Cause No. UIC-074..... Application of.....

.....Mobil Oil Corporation.....

was published in said newspaper on.....

.....January 16, 1986.....

Cheryl Gierloff
Legal Advertising Clerk

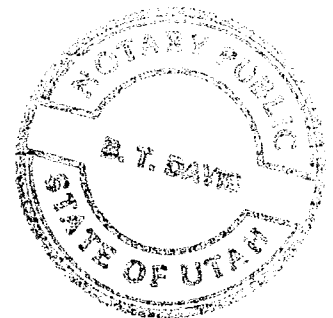
Subscribed and sworn to before me this22nd..... day of

.....January..... A.D. 19.86.....

B. J. Davis
Notary Public

My Commission Expires

.....March 1, 1988.....



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---oo0oo---

IN THE MATTER OF THE APPLICATION : CAUSE NO. UIC-074
OF MOBIL OIL CORPORATION AS AGENT :
FOR SUPERIOR OIL COMPANY FOR :
ADMINISTRATIVE APPROVAL TO INJECT :
FLUID INTO CONVERTED ENHANCED :
RECOVERY INJECTION WELLS LOCATED :
IN SECTION 36, TOWNSHIP 40 SOUTH, :
RANGE 24 EAST; SECTION 31, TOWNSHIP :
40 SOUTH, RANGE 25 EAST; AND :
SECTIONS 1 AND 2, TOWNSHIP 41 :
SOUTH, RANGE 24 EAST, SAN JUAN :
COUNTY, UTAH :

---oo0oo---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED
MATTER.

Notice is hereby given that Superior Oil Company through its
Agent, Mobil Oil Corporation, P.O. Drawer G, Cortez, Colorado, 81321,
has requested administrative approval from the Division to convert the
following listed wells to enhanced recovery injection wells:

McELMO CREEK UNIT

K-12, Sec. 31, T40S, R25E	I-12, Sec. 36, T40S, R24E
G-12, Sec. 36, T40S, R24E	C-16, Sec. 2, T41S, R24E
C-14, Sec. 2, T41S, R24E	E-16, Sec. 2, T41S, R24E
E-14, Sec. 2, T41S, R24E	G-16, Sec. 1, T41S, R24E
G-14, Sec. 1, T41S, R24E	

INJECTION INTERVAL: Desert Creek Formation, 5308' to 5549'
MAXIMUM ESTIMATED SURFACE PRESSURE: 3100 psig
MAXIMUM ESTIMATED WATER INJECTION RATE: 500 BWPD/WELL

Approval of this Application will be granted unless objections are
filed with the Division of Oil, Gas and Mining within fifteen days
after publication of this Notice. Objections, if any, should be
mailed to the Division of Oil, Gas and Mining, Attention: UIC Program
Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake
City, Utah 84180-1203.

DATED this 8th day of January, 1986.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Marjorie L. Anderson
MARJORIE L. ANDERSON
Administrative Assistant

Publication was sent to the following:

Bureau of Land Management
Consolidated Financial Center
324 South State Street
Salt Lake City, Utah 84111-2303

U.S. Environmental Protection Agency
Suite 1300
Attn: Mike Strieby
999 18th Street
Denver Colorado 80202-2413

Utah State Department of Health
Water Pollution Control
Attn: Loren Morton
4241 State Office Building
Salt Lake City, Utah 84114

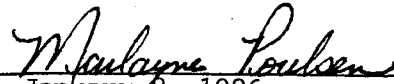
Phillips Petroleum Company
PO Box 1150
Cortez, Colorado 81321

Navajo Indian Tribe
Window Rock, Arizona 84615

Texaco, Inc.
PO Box EE
Cortez, Colorado 81321

Newspaper Agency
Legal Advertizing
Mezzanine Floor
143 South Main
Salt Lake City, Utah 84111

San Juan Record
Legal Advertizing
Monticello, Utah 84535


January 8, 1986

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd
CNE8661

R. D. Baker
Environmental Regulatory Manager

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RECEIVED
MAR 24 1987

DIVISION OF
OIL, GAS & MINING

RULE 1-7 (d & e)

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/~~Termination~~

Mar 19, 1987

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name McElmo Creek Unit C-16

Location: Section 2 Twp. 41S Rng. 24E County San Juan

Order No. authorizing Injection UIC-074 Date Feb 4, 1986


Zone into Which Fluid Injected Desert Creek Zone I

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Mobil Oil Corporation

Address P.O. Drawer G, Cortez Co 81321


Signature

3.20.87
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-6508
2. NAME OF OPERATOR Mobil Oil Corporation	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P.O. Drawer G, Cortez, Co 81321	7. UNIT AGREEMENT NAME McElmo Creek
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 500' FSL, 2140' FWL	8. FARM OR LEASE NAME -
14. PERMIT NO. 43-037-16266	9. WELL NO. C-16
15. ELEVATIONS (Show whether DF, RT, OR, etc.) DF: 4472'	10. FIELD AND POOL, OR WILDCAT Greater Aneth
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 2, T41S, R24E, SLM
	12. COUNTY OR PARISH San Juan
	13. STATE Utah.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Convert to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- 3.3.87 MIRU. POOH w/ rods and pump.
- 3.4.87 ND wellhead. NU BOPs. POOH w/ tbq. anchor and SN. RIH w/ bit and csg scraper to PBTD @ 5413'. POOH.
- 3.5.87 Hydrotest in hole to 5500 psi w/ tbq and pkr. Set pkr @ 5240'. Mixed and pumped 300 sx Class 'B' cement containing 2% CaCl₂ and 1/2% fluid loss add. Squeezed perfs to 3000 psi. Reversed out 40 sxs. Pulled up 4 jts and pressured hole to 1500 psi.
- 3.6.87 Released pkr and POOH. RIH w/ bit and scraper. Tagged top of cement at 5237'. Drilled out 30' of soft cement.
- 3.7/8.87 SD for weekend.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

McElmo Creek Unit C-16 Conversion

- 3.9.87 DO hard cement to PBTD @ 5415'. Circulated hole w/ clean LSW. POOH.
- 3.10.87 Reperforated Desert Creek Zone I 5308/20'. 5352/64' and 5373/83' w/ 2 JPF. RIH w/ tbg and pkr. With tail @ 5383'. spotted 100 gals 28% HCl across perfs. Broke down perfs @ 2150 psi. 2 BPM. Treated perfs w/ 2000 gals 28% HCl in four equal stages w/ one 500 gal gell plug with 1 lb per gal rock salt. Max pres. 2800 psi. Av. rate 3.5 BPM. Ave. pressure 2625 psi. 15 IP 2450 psi. 15 Min SIP 0 psi. Swabbed one hr recovering 20 bbls water.
- 3.11.87 Swabbed 10 hrs and recovered 160 bbls acid water and 40 bbls oil. Starting fluid level @ 2000'. Ending F.L. @ 3500'.
- 3.12.87 Swabbed 5 hrs and recovered 50 bbls wtr and 50 bbls oil. Starting FL @ 2500'. Ending FL @ 3800'. Released pkr and POOH.
- 3.13.87 RIH w/ Guiberson 5 1/2" ER V1 pkr w/ downhole shut off valve. on 170 jts 2 3/8" 8 rd J-55 tbg internally coated w/ PA 400, hydrotesting to 5500 psi. Filled annulus w/ inhibited FW. Set pkr @ 5262'. Made up wellhead. RDMO.
- 3.19.87 Completed installation of injection skid. Placed well on injection.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well ☐ Gas Well ☐ Other: *Injector*
2. Name of Operator
MOBIL OIL CORPORATION
3. Address of Operator
P. O. DRAWER 6, CORTEZ, CO. 81321
4. Location of Well

500' FSL, 2140' FWL

14. Permit No. 15. Elevations (DF, RT, GR)
DF: 4472'

5. Lease Designation &
Serial No.
14-20-603-6508
6. If Indian, Allottee or Tribe Name
Navajo
7. Unit Agreement Name
McElmo Creek
8. Farm or Lease Name
-
9. Well No.
C-16
10. Field and Pool, or Wildcat
Greater Aneth
11. Sec. T,R,M or BLK and
Survey or Area
Sec. 2, T41S, R24E SLM
12. County, Parish 13. State
San Juan Utah

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA
- | Notice of Intention To: | | Subsequent Report of: | |
|--|---|--|--|
| Test Water Shut-off <input type="checkbox"/> | Pull or Alter Casing <input type="checkbox"/> | Water Shut-off <input type="checkbox"/> | Repairing Well <input type="checkbox"/> |
| Fracture Treat <input type="checkbox"/> | Multiple Complete <input type="checkbox"/> | Fracture Treatment <input type="checkbox"/> | Altering Casing <input type="checkbox"/> |
| Shoot or Acidize <input type="checkbox"/> | Abandonment <input type="checkbox"/> | Shooting/Acidizing <input type="checkbox"/> | Abandonment <input type="checkbox"/> |
| Repair Well <input type="checkbox"/> | Change Plans <input type="checkbox"/> | (Other) <input type="checkbox"/> | (Other) <input type="checkbox"/> |
| (Other) <i>Increase Approved Rate</i> | <input checked="" type="checkbox"/> | (NOTE: Report results of multiple completion on
Well Completion or Recompletion Report and Log Form.) | |

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) :

The subject well is currently approved to inject 500 BWP @ 3100 psi surface pressure. We request that allowable rate be increased to 2000 BWP @ 3100 psi.

Accepted
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12-2-87
BY: [Signature]

RECEIVED
NOV 25 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Sr Staff Op Engineer Date: 11-20-87
D. C. Collins

(This space for Federal or State office use)

APPROVED BY _____ TITLE: _____ DATE: _____
CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Form Approved
Budget Bureau No. 1004-0135
Expires September 30, 1990
5. Lease Designation and Serial No.
14-20-0603-6508

SUNDRY NOTICES AND REPORTS ON WELLS

JUN 18 1990

Do not use this form for proposals to drill or to deepen or
reentry to a different reservoir. Use "APPLICATION FOR PERMIT"
for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
/ / Well / / Well / ☒ / Other CO2/WATER INJECTOR

2. Name of Operator
MOBIL OIL CORPORATION

3. Address and Telephone No.
P. O. Drawer 6, Cortez, Co. 81321 303-565-2200

4. Location or Well (Footage, Sec., T., R., M.
or Survey Description
500' FSL, 2140' FML SEC. 2, T41S, R24E

6. If Indian, Allottee or Tribe Name
NAVAJO

7. If Unit or CA, Agreement Designation
McELMO CREEK UNIT

8. Well Name and No.
C-16

9. API Well No.
43-037-12666

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

/ / Notice of Intent	/ / Abandonment	/ / Change of Plans
/XX/ Subsequent Report	/ / Recompletion	/ / New Construction
/ / Final Abandonment Notice	/ / Plugging Back	/ / Non-Routine Fracturing
	/ / Casing Repair	/ / Water Shut-Off
	/ / Altering Casing	/ / Conversion to Injection
	/XX/ Other	

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates,
including estimated date of starting any proposed work. If well is directionally drilled, give subsurface
locations and measured and true vertical depths for all markers and zones pertinent to this work.)

McELMO CREEK UNIT C-16 has been cleaned out and new equipment installed to complete the conversion from water to
water/CO2 injection. The well was acidized with 4000 gals 15% HCl. Average treating rate = 1 BPM, average
pressure = 700 psi. The packer is set at 5260' and the tubing/casing annulus was pressure tested to 1000 psi for
30 minutes. No leak-off occurred. Well has been on water injection until first WAG to CO2.

14. I hereby certify that the foregoing is true and correct

Signed Wayne McPherson Title Operations Engineer Date 6/04/90
T. Wayne McPherson

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

Title 18 U.S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department
or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter
within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
14-20-603-6508

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK

8. Well Name and No.
C-16

9. API Well No.
43-037-16266

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UT

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other INJECTION WELL

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P O BOX 633 MIDLAND TX 79702

(915)688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

500 FSL 2140 FWL SEC 2, T41S, R24E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ SQUEEZE PERFS
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-28-93 MIRU NU BOP. REL PKR. & TBG. TIH W/BIT & SCRAPER TO 5391'. CIRC. CLEAN.

3-01-93 RIH W/5.5 CMT RET @ 5345'. TEST TBG TO 2000 PSI. PUMPED 32 BBLS CL G + LATEX CMT @ 15.8 PPG. PUMPED 20 BBLS CMT BELOW RET.

3-02-93 TAG CMT @ 5340' W/BIT.

3-03-93 RIH W/TBG & PKR. SET PKR @ 5260'

3-04-93 POH W/ INJ ASS. RIH W/166 JTS 2 7/8 CL TBG SET PKR @ 5265'. CIRC. PKR. FL. TEST TBG TO 2500 PSI. TEST ANN TO 1000 PSI/30 MIN.

3-05-93 ND BOP RDMO. TURN TO PRODUCTION.

RECEIVED

MAR 11 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Jodd

Title

Engineer Technician

Date

3-9-93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Ted Credit

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other **INJECTION**

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

500' FSL, 2140 FWL

Sec 2 T415 R 24E

5. Lease Designation and Serial No.

14-20-603-6508

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

McELMO CREEK UNIT

8. Well Name and No.

C-16

9. API Well No.

43-037-16266

10. Field and Pool, or Exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

RECEIVED

JAN 03 1994

DIVISION OF
OIL, GAS & MINING

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: *1-5-94*
BY: *JAN Matthews*

14. I hereby certify that the foregoing is true and correct

Signed *S. Boyd for* **SHIRLEY TODD**

Title **ENVIR & REG. TECH**

Date **12/29/93**

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any: *Federal Approval of this Action is Necessary*

Title _____ Date _____

McElmo Creek Unit C-16
Workover Procedure

1. Dig, line and fence a 100+ bbl earth pit. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpicks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing to water injection line. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to earth pit. Stake and chain flowline down. PT coiled tubing to 6000 psi using injection water.
2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBTD at 5340' using injection water at maximum circulating rate at maximum circulating pressure of 5000 psi. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, neutralizing any unspent acid that returns to pit. If unsuccessful in cleaning well out, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.
3. MIRU wireline unit with lubricator. RIH with 1-11/16" GR/CCL and log from PBTD through injection packer. POH. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized hollow steel carrier perforating guns loaded with 3.2 gram RDX charges at 4 SPF, 0 degree phasing and perforate 5308'-5320'. POH. RDMO wireline.
4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle and spot 5 bbls of xylene across perforations. Let soak for 1 hour. Displace with fresh water. Wash perforations without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.
5. Pump out and backfill pit. Turn well over to production leaving well shut in.

6023 NAVIGATION BOULEVARD
P.O. BOX 3048 • HOUSTON, TEXAS 77001
TELEPHONE (713) 923-9351 • TELEX 76-2833

McElmo Creek Unit C-16

~~McElmo~~ Schematic

EXISTING

KB: 4473'

GL: 4463'

Z: 10' AGL

13-3/8" 48# H-40 Csg
R-2 ST&C
Cmt'd w/ 100 sxs to surf

107'

8-5/8" 24# J-55 R-2 Csg
ST&C
Cmt'd to surf w/ 600 cu.ft. 50/50
POZ, 4% Gel, 13 cu.ft. Tuf Plug,
1/4# FLOCELE, & 108 sxs Portland
and CaCl₂ cmt

1388'

Equipment Detail

+167 jts 2-7/8" Cmt Lined tbg
Baker O/F tool
Baker B Shut-Off valve
5-1/2" Inverted Lok-Set pkr

5265'

Pkr ● 5265'

PERFS

5308'-5320'

5352'-5364'

5373'-5389'

5394'-5406'

Cmt Top ● 5345'

CICR ● 5345'

CIBP ● 5391'

CIBP ● 5406'

5413'

5-1/2" 15.5# J-55 Csg
ST&C Csg
Cmt'd w/ 200 sxs Portland +
50 sxs Latex

TD 5475'

GL Mendenhall
12 FEB 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APR 11 1994

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

3. Address and Telephone No.

P. O. 633, MIDLAND, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

500' FSL, 2140' FWL; SEC. 2, T41S, R24E

5. Lease Designation and Serial No.

14-20-603-6508

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK UN C-16

9. API Well No.

43-037-16266

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN

UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other ACIDIZE
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

03-16-94 MIRU. SPOT 5 BBLS XYLENE ACROSS PERFS 5308-20. FLUSH W/37 BBLS FRESH WATER. ACDZ
PERFS W/24 BBLS HCL + ADDITIVES. RDMO.

14. I hereby certify that the foregoing is true and correct

Signed D. Swine for Shirley Todd

Title ENV. & REG. TECHNICIAN

Date 04/04/94 ✓

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Handwritten signature ✓
Handwritten signature
8/8/94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-603-6508
2. Name of Operator MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3. Address and Telephone No. P. O. 633, MIDLAND, TX 79702 (915) 688-2585	7. If Unit or CA, Agreement Designation MCELMO CREEK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 500' FSL, 2140' FWL; SEC. 2, T41S, R24E	8. Well Name and No. MCELMO CREEK UN C-16
	9. API Well No. 43-037-16266
	10. Field and Pool, or exploratory Area GREATER ANETH
	11. County or Parish, State SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other WORKOVER
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

05/11/94 MIRU. TAG PBTD @5338'. PERF W/6 SPF @5308-20'.

05/16/94 SPOT 5 BBLs XYLENE ACROSS PERFS 5308-20' AND LET SOAK 1 HR. FLUSH & OVERFLUSH W/37 BBLs FW. ACDZ PERFS W/24 BBLs 15% HCL + ADDITIVES. FLUSH & OVERFLUSH W/37 BBLs FW.

05/17/94 RAN GR/CCL LOG. REPERF 5.5" CSG W/4 JSPF @ 5320-5308'. RETURN TO PROD. RDMO.

14. I hereby certify that the foregoing is true and correct

Signed Shirley Dodd Title ENV. & REG. TECHNICIAN Date 05/23/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date tax credit

Conditions of approval, if any:

8/8/94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well

☐ Gas Well

☒ Other

INJECTION

2. Name of Operator

Mobil Exploration & Producing U.S. Inc.
as Agent for Mobil Producing TX & NM Inc.

3. Address and Telephone No.

P.O. Box 633, Midland, TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

500' FSL, 2140' FWL
SEC. 2, T41S, R24E

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

14-20-0603-6508

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

8. Well Name and No.

MCELMO CREEK C-16

9. API Well No.

43-037-16266

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☒

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Shirley Robinson

Title ENV. & REG TECHNICIAN

Date

3-13-95

(This space for Federal or State office use)

Approved by

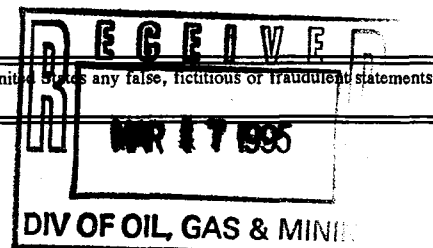
Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instruction on Reverse Side



McElmo Creek Unit C-16
Plug and Abandonment

CURRENT STATUS: Well was shut in February, 1995 due to the development of 2500 psi casing pressure. The average CO2 injection rate was 1 BPD at 2650 psi prior to the well being shut in. This well was reperforated and acidized in March of 1994 with no success in increasing injection rate. Allocated production of this pattern is 20 BOPD and with the lack of injectivity in this well, repairing this well for a cost of \$135M is not economical. The Flood Management Team has reviewed this well and has approved the P & A of this well at an estimated cost of \$30M.

DISTRIBUTION: T. M. Kuykendall - Cortez
T. Cochrane - Cortez
W. F. Hannes - 1033 MOB
G. D. Cox - 1103 MOB
S. A. Robertson - 1206 MOB
Aneth Files
Cortez Files

NOTE: Any revisions to the following procedure are subject to Mobil and BLM/EPA approval.

PLUG AND ABANDONMENT PROCEDURE

1. Notify Mark Kelley with the Bureau of Land Management at 505/599-8900 and Jim Walker with the Navajo EPA at 505/368-1040 at least 48 hours prior to plugging the well. Document date/time BLM/EPA are notified and also document the date/time that BLM/EPA representatives are on location.
2. Bullhead 40 bbls of 9 ppg fresh water mud down injection tubing. Bleed off casing pressure. Unbolt tree and PU 20,000 lbs tension and rotate 1 turn to the left to close downhole shut off valve. If downhole shut off valve fails to hold, set a plug in the 1.81" F profile located in the on/off tool.
3. Release on/off tool. ND tree and send to Big Red Tool in Farmington for inspection. NU and PT BOP's. POH laying down injection tubing using open rotary type torque tongs with backup collar. Install thread protectors on tubing and transport tubing to Aneth pipe yard.
Note: Tubing does not have torque rings.

4. PU 500' of 2-3/8" tailpipe (Optional) on 2-7/8" workstring. RIH and spot 27 cu ft (200') of class B 15.6 ppg neat cement from 5240'-5040'. Pull out of cement plug at less than 30 ft/min. Displace hole to 9 ppg fresh water mud having a minimum viscosity of 50 sec/qt containing a minimum of 15 lbs/bbl of sodium bentonite and a nonfermenting polymer.
5. PU to 4438' and spot 27 cu ft of class B 15.6 ppg neat cement from 4438'-4238'. Pull out of cement plug at less than 30 ft/min. WOC.
6. Tag top of cement plug with workstring. Cement top must be above 4288'. Spot additional cement as necessary. POH laying down all but 1350' of 2-7/8" workstring.
7. RU wireline. RIH with 4" perforating gun loaded with deep penetrating charges at 4 SPF and perforate 1400'-1404'. POH.
8. RIH with cement retainer on 2-7/8" workstring and set at 1350' (Wireline set cement retainer optional). PT backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using fresh water taking returns on 5-1/2"/8-5/8" casing annulus. Mix and pump 555 cu ft of class B 15.6 ppg neat cement (includes 100 percent excess as required by BLM) and displace cement to cement retainer. Note: If get good uncontaminated cement returns, the pumping of cement can be discontinued. Pull out of cement retainer and reverse out with fresh water. POH and lay down setting tool. RIH with 500' of 2-3/8" tailpipe (Optional) on 2-7/8" workstring to top of cement retainer at 1350'. Fill hole with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 180 cu ft.
9. If top of casing strings are above ground level, cut off casing strings at ground level. Top off all casing annuli with cement. Use 1" spaghetti string if necessary to spot cement. Weld on a 1/4" steel plate having a 1/4" weep hole. Steel plate should cover all casing strings and have the following information welded or stamped on the top of the plate:

Mobil E&P U.S., Inc.
McElmo Creek Unit #C-16
Navajo Tribal Lease
14-20-0603-6508
500' FSL, 2140' FWL
Sec. 2 - T41S - R24E
San Juan Co., Utah

10. RDMD workover rig. Haul off salvaged equipment and clean location. Notify Shirley Todd with Mobil at 918/688-2585 when work is completed so that a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5) can be filed with the Bureau of Land Management.

McElmo Creek Unit C-16

~~EXISTING~~ Schematic

KB: 4473'
GL: 4463'
Z: 10' AGL

13-3/8" 48# H-40 Csg
R-2 ST&C
Cmt'd w/ 100 sxs to surf

107'

8-5/8" 24# J-55 R-2 Csg
ST&C
Cmt'd to surf w/ 600 cu.ft. 50/50
POZ, 4% Gel, 13 cu.ft. Tuf Plug,
1/4# FLOCELE, & 108 sxs Portland
and CaCl2 cmt

1388' Top of Chinley at
1300'

Equipment Detail

+167 jts 2-7/8" Cmt Lined tbg

Baker O/F tool

Baker B Shut-Off valve w/1-8" F profile

5-1/2" Inverted Lok-Set pkr

Top of Hermosa at 4338'

Top of Ismay at 5140'

Baker Inverted Lok-set Pkr @ 5265'

PERFS

5308'-5320' ==

5352'-5364' ==

5373'-5389' ==

5394'-5406' //

Cmt Top @ 5350'

CICR @ 5345'

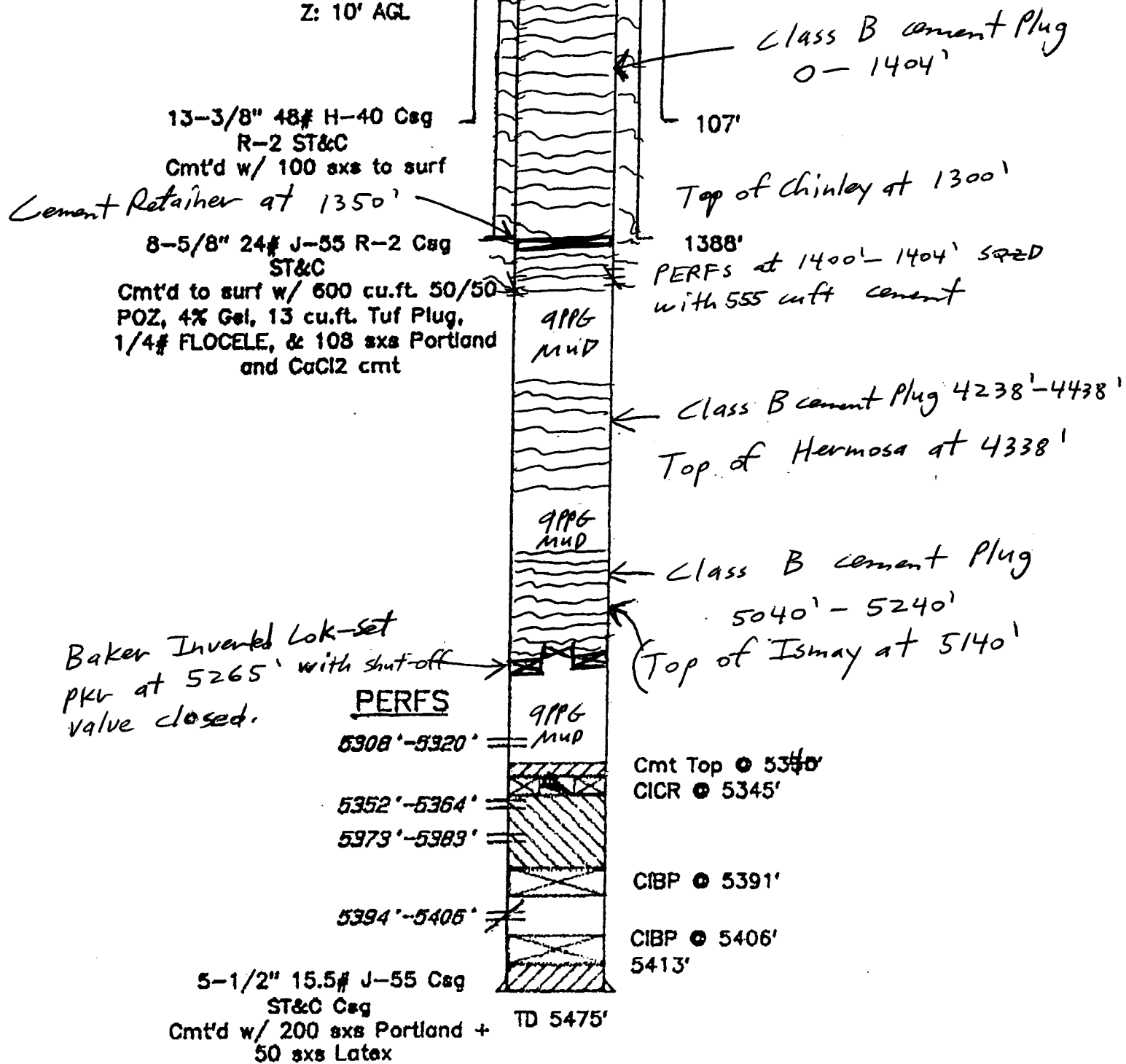
CIBP @ 5391'

CIBP @ 5406'
5413'

5-1/2" 15.5# J-55 Csg
ST&C Csg
Cmt'd w/ 200 sxs Portland +
50 sxs Latex TD 5475'

McElmo Creek Unit C-16
PROPOSED Schematic

KB: 4473'
GL: 4463'
Z: 10' AGL



7-7/8" hole size

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

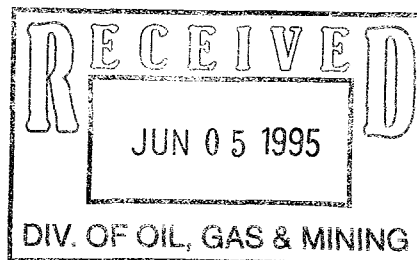
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. 14-20-0603-6508
2. Name of Operator Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc.	6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3. Address and Telephone No. P.O. Box 633, Midland, TX 79702 (915) 688-2585	7. If Unit or CA, Agreement Designation MCELMO CREEK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 500' FSL, 2140' FWL SEC. 2, T41S, R24E	8. Well Name and No. MCELMO CREEK C-16
	9. API Well No. 43-037-16266
	10. Field and Pool, or exploratory Area GREATER ANETH
	11. County or Parish, State SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

04-28-95 MIRU POH W/ CMT LINED TBG.
05-01-95 SPOT 23 SX PLUG AT 5240-5040. SPOT 9 LB MUD TO 4438'. PUMP 23 SX PLUG AT 4438-4238. REVERSE CIRC.
05-02-95 TAG 2ND PLUG AT 4186'. SPOT 9 LB MUD TO 1400'. PERF AT 1400'. RIN W/CMT RET. AT 1330'. PUMP 128 SX CMT BELOW RET.
05-03-95 CALC. CMT TOP IN 5 1/2" & 8 5/8" ANN. AT 670'. RIH W/TBG TO 1330' PUMP 83 SX PLUG. PERF. AT 583'. BULLHEAD 225 SX CMT DN. 5 1/2" & UP 5 1/2" - 8 5/8" ANN. CIRC. GOOD RETURNS TO SURF. CUT OFF WELLHEAD. INSTALL DRYHOLE MARKER.



14. I hereby certify that the foregoing is true and correct		
Signed <u>Shuley Robertson</u>	Title <u>ENV. & REG TECHNICIAN</u>	Date <u>5-30-95</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
Abandoned well. Use Form 3160-3 (APD) for such proposals.*

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. See Listing
2. Name of Operator Mobil Producing TX & NM Inc* *Mobil Exploration & Producing US Inc as agent for MPTM		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358, Houston, TX 77210-4358	3b. Phone No. (include area code) 713-431-1022	7. If Unit or CA/Agreement, Name and/or No. Mc Elmo Creek Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See Listing		8. Well Name and No. See Listing
		9. API Well No. See Listing
		10. Field and Pool, or Exploratory Area Greater Aneth
		11. County or Parish, State San Juan, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc has finished final seeding on the following P&A Well locations. The tags from the Seed Bags were presented to Ms. L. Taylor, BIA, on October 25, 2000.

Well # B-15, Sec 02-T41S-R24E, Lease # 14-20-603-6508, API # 43-037-16340

Well # F-26, Sec 13-T41S-R24E, Lease # 14-20-603-370, API # 43-037-15949

Well # I-16, Sec 01-T41S-R24E, Lease # 14-20-603-4039, API # 43-037-15497 *PAID FWS Well*

Well # C-16, Sec 02-T41S-R24E, Lease # 14-20-603-6508, API # 43-037-16266

Well # O-12, Sec 32-T40S-R25E, Lease # 14-20-603-372, API # 43-037-16371 (old remediation site)

Well # Q-12, Sec 32-T40S-R25E, Lease # 14-20-603-372, API # 43-037-16371

Well # S-20, Sec 09-T41S-R25E, Lease # 14-20-603-359, API # 43-037-15979

Well # S-21, Sec 16-T41S-R25E, Lease # 14-20-603-359, API # 43-037-30398

Well # V-16, Sec 03-T41S-R25E, Lease # 14-20-603-2057, API # 43-037-31183

Well # U-09, Sec 33-T40S-R25E, Lease # 14-20-603-2057, API # 43-037-31122 (remediation site)

Additionally, MCU J-27, Sec 19-T41S-R23E, Lease # 14-20-603-264, API 43-037-15502 was also re-seeded and all BIA Conditions of Approval to P&A this well were met (see 5/4/2000 Sundry). These seed tags were also presented to Ms. L. Taylor on October 25, 1000. Attached is copy of letters to Ms. L. Taylor indicating same.

RECEIVED

NOV 02 2000

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mark Del Pico		Title Regulatory Specialist
Signature <i>M. Del Pico</i>		Date 10/31/2000
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved By	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

ExxonMobil Production Company

U.S. West

P.O. Box 4358

Houston, Texas 77210-4358

ExxonMobil
Production

October 24, 2000

U.S. Department of the Interior
Bureau of Indian Affairs
Shiprock Agency
P.O. Box 3538
Shiprock, NM 87420

**McElmo Creek Unit
Reclamation at P&A Sites**

Dear Ms. Taylor,

Please find attached seed tags for the following well sites, which have been seeded in accordance with Plug & Abandon operations :

Well # B-15, Sec 02-T41S-R24E, API # 43-037-16340
Well # F-26, Sec 13-T41S-R24E, API # 43-037-15949
Well # I-16, Sec 12-T41S-R24E, API # 43-037-30365
Well # C-16, Sec 02-T41S-R24E, API # 43-037-16266
Well # O-12, Sec 32-T40S-R25E, API # 43-037-16371 (old remediation site)
Well # Q-12, Sec 32-T40S-R25E, API # 43-037-16371
Well # S-20, Sec 09-T41S-R25E, API # 43-037-15979
Well # S-21, Sec 16-T41S-R25E, API # 43-037-30398
Well # V-16, Sec 03-T41S-R25E, API # 43-037-31183
Well # U-09, Sec 33-T40S-R25E, API # 43-037-31122 (remediation site)

If you have questions or need more information, please contact me at 713-431-1022.
Thank your for your assistance in this matter.

Sincerely,



Mark Del Pico
US West Producing / Permitting

BIA-P&Aseeding.doc

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DIVISION OF
OIL, GAS AND MINING

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

ExxonMobil
Production

October 30, 2000

U.S. Department of the Interior
Bureau of Indian Affairs
Shiprock Agency
P.O. Box 3538
Shiprock, NM 87420

McElmo Creek Unit J-27

Dear Ms. Taylor,

Per Sundry Notice dated 5/4/2000 on the McElmo Creek J-27, we have completed final P&A work described in Sundry and re-seeded per BIA instructions. The seed tags were turned over to Linda Taylor on October 25, 2000.

If you have questions or need more information, please contact me at 713-431-1022.
Thank your for your assistance in this matter.

Sincerely,



Mark Del Pico
US West Producing / Permitting

BIA-P&Aseeding1.doc

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NOV 02 2000

DIVISION OF
OIL, GAS AND MINING